

DOCKET No. CORN 0002

PATENT

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pre amend

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re reissue patent application of:

Hall et al.

U.S. Patent No. 5,131,069

Issued July 14, 1992

Serial No.: 07/743,726

Group No.: 2501

Filed: August 12, 1991

Examiner: S. Barns

For: FIBER AMPLIFIER HAVING  
MODIFIED GAIN SPECTRUM

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT OF REISSUE APPLICATION

Please amend the above-identified reissue application  
as follows:

Add the following claims:

-- 21. A fiber amplifier comprising  
a gain optical fiber having only one single-mode core,  
said core containing dopant ions capable of producing stimulated  
emission of light within a predetermined band of wavelengths  
including a wavelength  $\lambda_s$  when pumped with light of wavelength  
 $\lambda_p$ , said gain fiber having input and output ends,  
absorbing ion filtering means for attenuating light at  
at least some of the wavelengths within said predetermined band  
of wavelengths, said absorbing ion filtering means comprising  
umpumped gain ions,